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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application	09/930,949	
	Filing Date	August 17th, 2001	
	First Named	HUANG	
	Group Art Unit	1746	
	Examiner Name	-	
Total Number of Pages in This Submission		Attorney Docket Number	T8466512US

ENCLOSURES (check all that apply)		
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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Arne I. Fors, Reg. No. 20,775 Gowling Lafleur Henderson LLP Suite 4900, Commerce Court West, Toronto, Ontario, Canada, M5L 1J3
Signature	
Date	November 21st, 2001

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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
**T8466512US**

In Re Application Of:

**HUANG et al**

Serial No.	Filing Date	Examiner	Group Art Unit
<b>09/930,949</b>	<b>August 17th, 2001</b>	-	-

Title:

**N-ACETYLATED CHITOSAN MEMBRANES**

Address to:

**Assistant Commissioner for Patents  
Washington, D.C. 20231**

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☐ the fee set forth in 37 CFR 1.17(p).

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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional) <b>T8466512US</b>		Application Number <b>09/930,949</b>
Applicant(s) <b>HUANG et al</b>		
Filing Date <b>August 17th, 2001</b>	Group Art Unit <b>1745</b>	

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,174,443	Jan 16/01	Ruckenstein et al			
		6,113,794	Sep 05/00	Kumar et al			
		5,993,661	Nov 30/99	Ruckenstein et al			
		5,919,574	Jul 06/99	Hoagland			
		5,259,950	Nov 09/93	Shiro et al			
		4,997,935	Mar 05/91	Diamantoglou			
		4,983,304	Jan 08/91	Tsugita et al			
		4,944,881	Jul 31/90	Michizuki et al			
		4,501,835	Feb 26/85	Berke			
		4,378,017	Mar 29/83	Kosugi et al			
		4,301,067	Nov 17/81	Koshugi			

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## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		JP55-081,705	Jun/20/80	JP				
		JP61-212,302	Sep 20/86	JP				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Journal of Membrane Science, 138 (1998) 67-75; Inui et al.; PERMEATION AND SEPARATION OF A BENZENE/CYCLOHEXANE MIXTURE THROUGH BENZOYLCHITOSAN MEMBRANES, pp. 67-75
		Biotechnology and Bioengineering, Vol. 56, No. 6, December 20, 1987; Ruckenstein et al; MACROPOROUS CHITIN AFFINITY MEMBRANES FOR LYSOZYME SEPARATION, pp. 610-617
		Journal of Membrane Science 156 (1999) 97-107; Zeng et al; MACROPOROUS CHITIN AFFINITY MEMBRANES FOR WHEAT GERM AGGLUTININ PURIFICATION FROM WHEAT GERM, pp. 97-107
		Ind. Eng. Chem. Res., Vol. 35, No. 11 1996; Zeng et al; CONTROL OF PORE SIZES IN MACROPOROUS CHITOSAN AND CHITIN MEMBRANES, pp. 4169-4175

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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HUANG et al

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		Journal of Membrane Science 90; 1994; Park et al; Pervaporation of Alcohol-Toluene Mixtures through Polymer Blend Membranes of Poly(acrylic Acid) and Poly (vinyl Alcohol); pp. 265-274
		Journal of Membrane Science 117; 1996; Ming Zhou et al; Methanol Removal from Organic Mixtures by Pervaporation using Polypyrrole Membranes; pp. 303-309
		Journal of Membrane Science 167; 2000; Bhat et al; Methanol-Selective Membranes for the Pervaporative Separation of Methanol-Toluene Mixtures; pp. 187-201
		Journal of Membrane Science 157; 1999; Sang Yong Nam et al; Pervaporation Separation of Methanol/Methyl t-butyl Ether through Chitosan Composite Membrane Modified with Surfactants; pp. 63-71

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			<p>Polymer Journal, Vol. 11, No. 1; 1979; Norio Nishi et al; STUDIES ON CHITIN. I. ACETYLATION OF CHITIN; pp. 27-32</p> <p>Biopolymers, Vol. 15; 1976; Hirano et al; N-ACETYLCHITOSAN GEL: A POLYHYDRATE OF CHITIN; pp. 1685-1691</p>

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